

What is claimed is:

1. A control module, comprising:

a car audio apparatus having at least a speaker used for sound output and a socket, the car audio apparatus connecting with a sound signal processor;

a Bluetooth module disposed in a Bluetooth earphone to provide an interface between the Bluetooth earphone and the car audio apparatus;

a sound switch disposed inside the car audio apparatus and connected with the sound signal processor, the sound switch being used to choose a sound signal sent from the Bluetooth earphone or the car audio apparatus and output the sound signal via the speaker; and

a sound control circuit disposed inside the car audio apparatus and connected with the sound switch;

wherein when the Bluetooth earphone is plugged into the socket of the car audio apparatus to make car audio apparatus connect with the Bluetooth module, the sound switch is controlled to silence automatically the car audio apparatus and output the sound signal sent from the Bluetooth earphone via the speaker, and when the Bluetooth earphone is taken out from the socket, the car audio apparatus serves as a common audio apparatus.

2. The control module as claimed in the claim 1, wherein the Bluetooth module is connected with a digital signal processor, wherein the digital signal processor is connected to a microphone and an earphone, and the digital signal processor is used to convert an analog signal sent from the

microphone into a digital signal, encode/decode the sound signal, process signals and send the processed signals via the Bluetooth module.